

# Notice of Allowability

Application No.

10/716,741

Examiner

CUONG H. NGUYEN

Applicant(s)

YUN, JUNG-RAK

Art Unit

3661

## - The MAILING DATE of this communication appears on the cover sheet with the correspondence address-

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/18/05.
2. ☒ The allowed claim(s) is/are 10-11; they are renumbered as 1-2.
3. ☒ The drawings filed on 17 November 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

### THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 4/1/05.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

CUONG H. NGUYEN  
Primary Examiner  
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**DETAILED ACTION**

1. This Office Action is the answer to the communication received on 3/18/2005.
2. Claims 10-11 are amended and are pending in this application. Claims 1-9, and 12-16 were canceled on 3/18/2005.

**Priority**

3. Acknowledgment is made of applicant's claim for foreign priority based on 4/22/2003 (Republic of Korea 2003-25345).

**Allowable Subject Matter & Reasons for Allowance**

4. Independent claim 10 is patentable over the closest references of Bergholz et al., Lohner et al., and Oda et al. because these prior art do not anticipate nor fairly and reasonably teach a method for controlling a self-control traveling system for an expressway, comprising:
  - controlling an automatic turning operation, and notifying the driver that a section of the self-control traveling operation will end soon when the automobile gets near to the destination during searching for the map information.
5. Independent claim 11 is patentable over the closest references of Bergholz et al., Lohner et al., and Oda et al. because these prior art do not anticipate nor fairly and

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reasonably teach a method for controlling a self-control

traveling system for an expressway, comprising:

- terminating a self-control traveling operation by switching a driving mode from an automatic driving mode to a manual driving mode according to a determination whether an automobile has arrived at a site located at the end point and the automobile is stopped.

### **Conclusion**

6. Claims 10-11 are patentable; they are renumbered as 1-2.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CUONG H. NGUYEN whose telephone number is 703-305-4553. The examiner can normally be reached on 7:15am - 3:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas G. Black can be reached on 703-305-8233. The fax phone number for the organization where this application is assigned is 703-305-7687.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Cuong H. Nguyen*

*CHN*  
CUONG H. NGUYEN  
Primary Examiner  
Art Unit 3661


**Examiner's amendment:**

A. An examiner's amendment to the record appears below. The authorization for this amendment was given by Mr. Thomas D. Kohler (Reg. # 32,707) on 4/01/05. Should the changes and additions be unacceptable to applicants, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

B. The application has been amended as follows:

- Claim 11: on line 21 of page 3 (the amendment received on 3/21/2005): change the phrase "from the manual driving mode to the automatic" into - from the automatic driving mode to the manual".

- Claim 11: on line 22 of page 3 (the amendment received on 3/21/2005): change the term "tollgate" into -- site --.

  
CUONG NGUYEN  
PRIMARY EXAMINER